B.K. Rao Committee Report have been made available to various Ministries, agencies and other institutions concerned with implementation.

(b) to (d) Do not arise, Sir.

Tremors in Khandwa

620. SHRI GHUFRAN AZAM: Will the PRIME MINISTER be pleased to state:

(a) whether Government's attention has been drawn to the newsitem captioned "Major quake in Khandwa predicted", which appeared in the Statesman dated the 20th December 1993;

(b) whether a series of tremors have rocked Khandwa in Madhya Pradesh during the last six months; and

(c) if so, what are the precautionary steps proposed to be taken by Government in this regard?

THE MINISTER OF STATE IN PRIME MINISTER'S OFFICE AND MINISTER OF STATE IN THE DEPARTMENTS OF ATOMIC ENERGY, SPACE WITH ADDITIONAL CHARGE OF THE MINISTRY OF STATE IN THE MINISTRY OF SCIENCE AND TECHNOLOGY (SHRI BHUVNESH CHATURVEDI) (a) Yes, Sir.

(b) A series of tremors occured around Takli and Sarola village (in East Nimar district, MP) about 15 kms south of Khandwa from the end of November 1993. India Meteorological Department surveyed the area by installing temporary high gain field observatory in December, 1993. The observatory recorded a number of tremors of low magnitude. These tremors were of swarm type. Such swarm activity was also noticed in neighbouring districts.

(c) The survey results have been communicated to the M.P. government. Further, the state government has been advised to take appropriate steps to ensure that dwellings and other structures are properly engineered in the area.

Setting up of Seismic Laboratory in M.P.

621. SHRI GHUFRAN AZAM: Will the PRIME MINISTER be pleased to state:

(a) whether it is a fact that Madhya Pradesh Government has urged the Union Government to set up a seismic laboratory in the State to prevent another earthquake tragedy;

(b) whether it is also a fact that several districts of Madhya Pradesh have been constantly receiving tremors in the recent past:

(c) if so, the details thereof; and

(d) what is the reaction of Union Government on the proposal of setting up of seismic laboratory in the State?

THE MINISTER OF STATE IN PRIME MINISTER'S OFFICE AND MINISTER OF STATE IN THE DEPARTMENTS OF ATOMIC ENERGY, SPACE WITH ADDITIONAL CHARGE OF THE MINISTER OF STATE IN THE MINISTRY OF SCIENCE AND TECHNOLOGY (SHRI BHUVNESH CHATURVEDI): (a) Yes, Sir.

(b) Seismic activity occured in short spells in East and West Nimar and Khargone districts.

(c) Tremors of low magnitude occured around Taklikalan village (in East Nimar districts. M.P.) about 15 kms. south of Khandwa in November, 1993. Such swarn activity was also noted in the neighbouring districts around Silawad village of west Nimar district in Jan-Feb. 1992 and around Kusuman village in Khargone district in Sept. 1986 and again in Sept.-Oct. 1988. Swarn type activity generally decays after sometime.

(d) A comprehensive project for intensive seismological monitoring has been formulated for mapping seismically active areas of peninsular India, which will cover Madhya Pradesh also. The India Meteorological Department will be setting up a modern seismological observatory at Bhopal shortly.

अमरीका के ओकलेहामा उपग्रह केन्द्र के साथ करार

622. **श्रीमती सत्या बहिन:** क्या प्रधान मंत्री यह बताने की कृपा करेंगे कि:

(क) क्या यह सच है कि अमरीका के ओकलेहामा उपग्रह केन्द्र ने भारतीय दूर संचार उपग्रह से प्राप्त जानकारी को हासिल करने के लिए भारत के साथ करार करने की पेशकश की है; और

(ख) यदि हां, तो इसका ब्यौरा क्या है और इस प्रस्ताव पर सरकार ने क्या निर्णय लिया है?

प्रधान मंत्री कार्यालय में राज्य मंत्री और विज्ञान एवं प्रौद्योगिकी में राज्य मंत्री और परमाणु ऊर्जा विभाग तथा अन्तरिक्ष विभाग में राज्य मंत्री का अतिरिक्त प्रभार (श्री भुवनेश चतुर्वेदी): (क) और (ख) संयुक्त राज्य अमरीका की भू-प्रेक्षण उपग्रह (इयोसैट) कम्पनी ने अपने नोरमन, ओकलेहामा भू-केन्द्र पर भारतीय सुदूर संवेदन उपग्रहों, आई.आर.एस.-1बी. और आई.आर.एस.-1सी. से आंकड़े प्राप्त करने के लिए अन्तरिक्ष विभाग की राष्ट्रीय सुदूर संवेदन एजेंसी के साथ करार किया है। यह कम्पनी एक वार्षिक उपागम शुल्क तथा इसके द्वारा विक्रय किए गए आंकड़ों के लिए वितरण शुल्क भी अदा करेगी। यह कम्पनी विश्व के अन्य भागों में इसी प्रकार के भू-केन्द्रों की स्थापना को भी प्रोत्साहित करेगी।

Cryogenic Technology & Missile Development Programme

623. SHRI GOVIND RAO ADIK: Will the PRIME MINISTER be pleased to state:

(a) whether it is a fact that controversial cryogenic deal has been mutually modified and a supplementary agreement for the supply of cryogenic booster blocks has been signed between Glavkosmos of Russia and ISRO;

(b) if so, the details thereof stating the terms and conditions of the agreement; and

(c) what other measures Government propose to take to improve the country's missile technology development programme?

THE MINISTER OF STATE IN THE PRIME MINISTER'S OFFICE AND MINISTER OF STATE IN THE DEPARTMENTS OF ATOMIC ENERGY AND SPACE WITH ADDITIONAL CHARGE OF THE MINISTER OF STATE IN THE MINISTRY OF SCIENCE AND TECHNOLOGY:

(a) and (b) As the result of a series of geo-political developments GLAVKOSMOS of Russia invoked in October 1993, the force majeure clause in the original agreement of 1991. This resulted in the stoppage of technolgy transfer and training since then. Subsequently, detailed discussions were held between ISRO and GLAVKOSMOS during December 1993. A final decision on the agreement is yet to be taken.

(c) The cryogenic deal is not linked to the country's missile technology developed programme. The indigenous missile development capability is proposed to be strengthened by making optimal use of expertise and infrastructure available in various sectors namely universities, academic institutions, research labóratories and the industry for development of critical items.

12.00 Noon

PAPERS LAID ON THE TABLE

Report and Accounts (1992-93) of the India Tourism Development Corporation Limited, New Delhi.

THE MINISTER OF CIVIL AVIATION AND TOURISM (SHRI GHULAM NABI AZAD): Sir, I lay on the Table, under sub-section (1) of section 619A of the Companies Act, 1956, a copy each (in English and Hindi) of the following papers:—

(i) Twenty-eighth Annual Report and Accounts of the India Tourism Development Corporation Limited, New Delhi, for the year 1992-93, together with the Auditors' Report on the Accounts and the comments of the Comptroller and Auditor General of India thereon.

(ii) Statement by Government accepting the above Report. [Placed in Library. *See* No. LT 5448/94]

The Economic Survey, 1993-94

THE MINISTER OF STATE IN THE MINISTRY OF FINANCE AND MINISTER OF STATE IN THE MINISTRY OF PARLIAMENTARY AFFAIRS (DR. ABRAR AHMED): Sir, I lay on the Table a copy (in English and Hindi) of the Economic Survey, 1993-94. [Placed in Library. *See* No. LT 5363/94]